The introduction to the book gives a somewhat technical discussion of the botanical nature of wood and a description of the way in which different woods are formed by growth. Under the title "Practical Hints," directions are given enabling one not skilled with a microscope to identify woods by their structural characters. It also tells how to make and mount thin sections of wood for examination with the microscope or with the stereopticon.

The descriptions are illustrated by one hundred and eighty-six excellently reproduced photomicrographs. The scale of magnification is three times the natural size and is designed to show the appearance of the transverse section as seen by means of an ordinary hand lens.

A good bibliography and index enhance the value of the book.

H. S. R.

A Notebook for the Botanical Laboratory in the High School.[1] — The author has prepared this notebook with special reference to the work outlined in his well known text-books. The book gives comprehensive directions to the pupil for setting up experiments. It contains convenient ruled and blank sheets for the record of results, and there is also ample space for making drawings. It will do much to save time and trouble by minimizing the amount of routine dictation demanded from the teacher. The notebook will help to develop accuracy, self-reliance, and originality in the pupil. It teaches him to be systematic without confusing him with a mass of unnecessary directions.

H. S. R.

Notes.— A paper on fungous diseases of the cranberry, by Shear, forms *Farmers' Bulletin no. 221*, of the U. S. Department of Agriculture.

A popular abridgment of Lovell's papers on colors of flowers is to be found in *The American Botanist*, for March.

An account of the shade trees of Denver forms *Bulletin 96* of the Experiment Station of the Agricultural College of Colorado.

The roots of plants serve as subject for *Bulletin no. 127* of the Experiment Station of the Kansas State Agricultural College, by Ten Eyck.

[1] Bergen, J. Y. *A Notebook to Accompany Bergen's Text-books of Botany*. Boston, Ginn & Co., 1904. 4to, 144 pp.